

TI SERIES AMORPHOUS ALLOY**Publication number:** JP6264200**Publication date:** 1994-09-20**Inventor:** MASUMOTO TAKESHI; INOUE AKIHISA; AMITANI KENJI; NISHIYAMA NOBUYUKI**Applicant:** MASUMOTO TAKESHI; INOUE AKIHISA; UNITIKA LTD; TEIKOKU PISTON RING CO LTD**Classification:**

- International: C22C45/10; C22C45/00; (IPC1-7): C22C45/10

- European:

Application number: JP19930051965 19930312**Priority number(s):** JP19930051965 19930312[Report a data error here](#)**Abstract of JP6264200**

PURPOSE: To produce a high strength Ti series amorphous alloy excellent in a amorphousness formability. CONSTITUTION: This Ti series amorphous alloy has a compen. shown by the formula: $Ti100-x-y-zCu_xNi_yM_z$ [in the formula, M denotes one or two kinds of elements selected from the group of Zr and Hf, and, by atomic %, $15 \leq x \leq 40$, $0 < y \leq 30$, $5 \leq z \leq 40$ and $30 \leq x+y+z \leq 70$ are satisfied]. In this way, the objective Ti series amorphous alloys having various sha pes can be produced.

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